BFA
W6.051
1971

NATIONAL LIBRARY OF MEDICINE
NEWS

Vol. XXVII, No. 2 Bethesda, Maryland 20014 February 1972

RECEIVED
APR 2 - 1972
THE JOHNS HOPKINS HOSPITAL
LIBRARY

FY 1973 Budget

On January 24, President Nixon submitted to Congress the Administration's fiscal 1973 budget. The amount requested for the National Institutes of Health totalled $2.26 billion. This is an increase over last year's appropriation of $2.12 billion. Within the proposed NIH budget, the Library's request is $28,104,000, a substantial increase over the fiscal 1972 appropriation of $24,067,550.

The increase in funds will be utilized primarily for increased support of regional medical libraries and medical library training programs, and for biomedical communications activities of the Lister Hill National Center. Some emphasis will be given to a cooperative NASA-NLM project to test two-way TV satellite communications for health care and medical education using the Application Technology Satellite, which is to be launched in May 1973.

The Library's Extramural Programs will share $1.6 million of the total NLM increase. The budget for the Lister Hill National Center for Biomedical Communications will be increased by $1.2 million. Modest increases appear in the budgets of the National Medical Audiovisual Center, Library Operations, and the Toxicology Information Program.

Fellowships for Continuing Education of Medical Librarians

A fellowship program providing career development and continuing education opportunities to biomedical librarians is being offered by the Library's Extramural Programs. The program will assist in the development of "career ladders" within the biomedical library and information professions, and will provide qualified individuals the opportunity of continuing advancement in rewarding and responsible careers.

The program will support training in a broad range of subject areas such as librarianship, biomedical subjects, computer and information sciences, management science, and communication technology, which may be studied at introductory or advanced levels. The principal criterion for selection and approval will be the usefulness of the training to the applicants' career objectives. Training may include not only formal courses, but opportunity for independent research, seminars, conferences, and other educational approaches.

The program is intended for librarians and information specialists in the health sciences who have already acquired some competence and experience in this work, but desire additional training to develop their full potential. The program is not intended to train individuals to become library technicians or assistants or to support students registered in formal programs leading to the basic professional degree in library science.

(Continued on Page 2)

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
National Institutes of Health

NATIONAL LIBRARY OF MEDICINE
NEWS

Martin M. Cummings, M.D. Director, NLM

Robert B. Mehnert, Acting Chief, Office of Public Information and Publications Management

Ann R. Lindsay Editor (301-496-6308)
Roger L. Gilkeson Assistant Editor (301-496-3661)
Daniel Carangi Graphics

Published monthly by the Office of Public Information, National Library of Medicine, National Institutes of Health, for health science libraries, the health professions, and news media.

8600 Rockville Pike, Bethesda, Maryland 20014

(Fellowships, from Page 1)

The training of each fellow must be supervised by a competent sponsoring health science librarian, information specialist, or biomedical professional who is on the staff of a public or private nonprofit institution. The applicant must take the initiative in contacting the potential sponsor and developing a specific training program with his approval. The fellowships are for full-time training during an appropriate period, usually a year, but they may be for a longer or shorter period if justifiable. The fellowship award provides a stipend to enable the fellow to undertake the training without substantial loss of income. Tuition funds are also provided. Up to $1,000 per year can be provided to the sponsoring institution to purchase supplies if requested by the sponsor. Deadline dates for submission of applications are January 2, June 1, and October 1. Applicants will be notified about the disposition of their requests approximately five months after each deadline.

For further information on NLM fellowships or on the other training grant programs administered by the National Library of Medicine, contact Dr. Roger W. Dahlen, Chief, Research, Training, and Publications Division, Extramural Programs, National Library of Medicine, Bethesda, Maryland 20014.

Journals Comment on Medical Communications

"Medical Communications--Is There Easy Access?" is the title of an editorial by Dr. Irvine Page in the January 10th issue of *Modern Medicine*.

Rather than decry gaps in accessibility, Dr. Page focuses on the number of excellent mechanisms for communication which presently exist, saying, "There never have been so many excellent postgraduate courses and well-organized meetings. Literature is brought to the physician's office or home in superabundance . . . . Abstracting of important articles is well done, and . . . even the smallest libraries can obtain the original journals on loan."

He mentions as particular aids the Dial-Access telephone systems, *Abridged Index Medicus* and AIM-TWX, and the computer-based system for handling medical records developed at the University of Vermont College of Medicine in cooperation with NLM's Lister Hill Center.

Dr. Page also cites the comprehensive loan and search services made possible through NLM and the network of Regional Medical Libraries. His final sentence is a realistic summation of NLM's role in facilitating the physician's access to medical information: "The National Library of Medicine and its staff at the Lister Hill National Center for Biomedical Communications will experiment but will not promise Utopia or education without effort."

(Continued on Page 3)

(Journals, from page 2)

* * *

The lead editorial in the *Journal of the American Medical Association* for December 27, 1971, occasioned by the NLM 135th Anniversary Report, cites the Library as "one of the nation's prime biomedical resources." *JAMA* reviewed NLM's growth over nearly a century and a half and cited current progress in its archival, service, and innovative functions. The writer noted that the Library's "Importance to the health professions grows steadily as the years pass."

Publications Problems

The Library's Information Office receives many letters and phone calls from the medical library community concerning difficulties in obtaining publications from the U.S. Government Printing Office. In the past month we have heard from a number of institutions whose orders for recent publications were returned with a note that the requested item was "temporarily out of print" or the "supply exhausted." A quick check with GPO revealed that the publications were indeed available and that the notices were sent by mistake.

If you have received one of these notices, we suggest you resubmit your order with a note that NLM has verified that the publication is available. A list of NLM publications currently in print appears on page 7, as well as on the inside cover of *Index Medicus* and *Abridged Index Medicus* each month.

D. C. Area Medical Historians to Meet

"Hospital Care of the Sick in the Middle Ages" is the subject of a talk to be presented to the Washington Society for the History of Medicine at a meeting in the Billings Auditorium of NLM on February 14, at 8:00 p.m.

The speaker will be Charles H. Talbot, Ph.D., F.S.A., F.R.Hist.S., Fellow of University College, London. Dr. Talbot is a research fellow at the Wellcome Institute of the History of Medicine as a medievalist; and is attached to the Department of the History of Medicine at the University College, University of London. He has published some twenty books dealing with medieval subjects, two of them concerned exclusively with the history of medieval medicine. He is presently at work on a book about the practice of medicine in medieval Europe.

All interested persons are invited to attend the meeting.

The second paragraph on page 7 of the January 1972 *News* should be amended to read as follows: "Supported by a contract with Paul de Haen, Inc., the Bibliography will contain about 3,000 excerpts, plus another 400 citations referring to in vitro studies, reviews, editorials and related items. A drug or chemical interactants index, an interaction index and an author index will be included."

Training in Computer Applications for Medicine

Training grants and contracts may be awarded to qualified institutions for preparing physicians and health information specialists in the application of computer technology to health care information processing and medical education. The program, authorized by the Comprehensive Health Manpower Training Act of 1971 (PL 92-157), is a cooperative effort by the National Library of Medicine and the Bureau of Health Manpower Education, and will be administered by the Library's Extramural Programs.

The NLM Board of Regents, at its November 1971 meeting, unanimously adopted a recommendation to initiate and maintain continuing interest in the development of manpower for computer applications in medicine. This recommendation was based on a report to the Library by the Association of American Medical Colleges, "Educational Technology for Medicine: Roles for the Lister Hill Center" (J. Med. Ed. 46 (7), July 1971, Pt. 2).

The report states, "There is the obvious need for people who are able to conceptualize the computer as a potentially different approach to medical management problems. Theorists, programmers, systems designers, and teachers of medical students--a whole group of people capable of applying a new technology--are necessary." Further, it is stated "that the lack of available, specifically trained, and experienced personnel is more inhibitory of broader applications of modern communications technology to medical education than any other single factor." It was also recognized that manpower problems "are especially acute in the application of computer technology to medical education and practice."

The Library, in collaboration with the Bureau, developed the new training grant and contract program in computer applications to medicine. Training programs supported may offer the Ph.D. degree or advanced postgraduate training. Funds may be provided for stipends, tuition, travel, and materials for the trainees, as well as compensation for faculty who contribute substantially to the training program.

Applicants are expected to have a well-established computer facility, experienced staff and faculty, a strong research component, the availability of fundamental courses and the ability and eagerness to chart an unexplored area. Further information about this program may be obtained by contacting: Dr. Roger W. Dahlen, Chief, Research, Training, and Publications Division, Extramural Programs, National Library of Medicine, Bethesda, Maryland 20014.

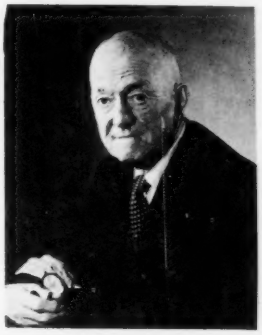
Personnel Notes

NLM's new Personnel Officer is Robert H. Cross, previously Personnel Officer for three other NIH components. Mr. Cross came to NIH in 1965 as Personnel Management Specialist for the National Cancer Institute, having received his B.A. and M.A. degrees from Bridgewater State College, Bridgewater, Massachusetts.

* * *

Ralph A. Simmons, Associate Director, Office of Computer and Engineering Services, left the Library February 5th to become Staff Assistant for International Computer Technology at the National Bureau of Standards' Center for Computer Sciences and Technology. Davis B. McCarn, Deputy Director of the Lister Hill Center will become Acting Associate Director of OCES.

Pathology: The Study of Disease



A remarkable collection of portrait photographs of distinguishe American pathologists, made by an eminent scientist whose boyhood hobby led him to improvise equipment and take his own early photomicrographs, will be featured in the National Library of Medicine's next educational exhibit beginning on February 7.

Widely known for his basic studies in chemotherapy, especially the experimental use of streptomycin, Dr. William Hugh Feldman, former staff member of the Mayo Clinic, long ago found his favorite photographic subjects among his professional friends and colleagues. Many of the pictures in the collection, which he recently gave to the Library, were taken during scientific meetings, others in the laboratory or in his home. Shunning candid shots in favor of a relaxed, natural portrait, Dr. Feldman found it helpful to converse continuously with his subject to gain rapport as he awaited the facial expressions he sought. He carried little equipment, he said recently, and used a twin lens reflex camera with only whatever natural or artificial light was available; the results are warm and personable likenesses of pathologists he admired.

The exhibit, titled "Pathology: The Study of Disease," will be presented through May in conjunction with observance of the "Year of Pathology 1971-1972," designed to acquaint the medical profession and the public with the expanding role of pathology in modern health care. Dr. Thomas M. Perry of George Washington University School of Medicine is Chairman of the Year of Pathology Committee. In addition to the Feldman collection, the exhibit will present portraits of antiquarians in pathology, including Bonet, Morgagni, Virchow, Bichat and others, classical textbooks and manuscripts, and first editions of modern works in pathology.

Now in his eightieth year, Dr. Feldman was a member of the faculty of the Mayo Graduat School of Medicine and of the staff of the Mayo Clinic from 1927 to 1957, and chief of laboratory research in pulmonary diseases of the Veterans Administration in Washington from 1957 to 1967. He has served as President of the American Association of Pathologists and Bacteriologists, the American College of Veterinary Pathologists and the International Association of Medical Museums, and chairman of the Scientific Advisory Board of the Armed Forces Institute of Pathology. His numerous honors include the Pasteur Medal of the Pasteur Institute of Paris, the Trudeau Medal of the National Tuberculosis Association, the Alvarenga Prize of the College of Physicians of Philadelphia, the Dearholt Medal of Mississippi Valley Conference on Tuberculosis and the Distinguished Service Medal of the American College of Chest Physicians. His publications include two monographs and about 300 journal articles. In 1961 he was elected an honorary member of the Royal Society of Medicine of England.

Also on display are other objects of related interest, including pathologic specimens prepared by such notable figures as Nobel Laureate Peyton Rous and Max Lurie. The Library gratefully acknowledges the assistance of the following organizations in preparing the exhibit: Armed Forces Institute of Pathology and Medical Museum, Washington Hospital Center, Intersociety Committee on Pathology Information, and Laboratory of Pathology of the National Cancer Institute.

The Library is open from 8:30 a.m. to 9:00 p.m. Monday through Friday, and from 8:30 a.m. to 5:00 p.m. on Saturday.

To assist users not familiar with the foreign language indicated for a journal article citation in *Index Medicus* or other MEDLARS-produced bibliography, these publications, beginning in January 1972, carry the designation (Eng. Abstr.) in a citation to a foreign-language article which is accompanied by an abstract in English.

* * *

Two critical reviews supported by the National Library of Medicine's Special Foreign Currency Program are now available for sale.

The first study was prepared by A. Michael Davies, Professor of Medical Ecology, Hebrew University-Hadassah Medical School, Jerusalem, Israel, and is entitled the *Geographical Epidemiology of the Toxemias of Pregnancy*. Dr. Davies' study is available in hard cover form at $4.75 a copy from the Charles C. Thomas Publishers, Springfield, Illinois.

The second study is that of Dr. Zdzislaw Rondio, Chief, Department of Anesthesia, Research Institute of Mother and Child, Warsaw, Poland. Dr. Rondio's study is entitled *Special Problems on Anesthesia in Infants* and is available in hard cover form at $4.75 a copy from the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Street, Springfield, Virginia 22151. Orders for this monograph should cite the study's project control number, TT 70-55144.

* * *

The Library announces publication of a five-year cumulation of the *Bibliography of Medical Reviews (BMR)* (subject index only), covering 1966 through 1970. The citations included in this casebound volume originally appeared in the *BMR* section of *Index Medicus*, and the citations since 1968 also appeared in the *Monthly Bibliography of Medical Reviews*.

Orders should be sent to the Superintendent of Documents, U.S. Government Printing Office, Washington, D. C. 20402; remittance of $6.75 ($8.45 foreign) should be included with the order.

NLM Directory for News Readers

An up-to-date directory, containing names, titles, and phone numbers of key NLM staff, will be published as a supplement to this issue of the *News* later in the month.

NATIONAL LIBRARY OF MEDICINE PUBLICATIONS

NLM's publications may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. (Please do not send orders to the National Library of Medicine.) Remittance should accompany orders and, unless otherwise specified, foreign orders should include an additional 25% of the domestic price to cover mailing.

Index Medicus: Published monthly as a bibliographic listing of references to current articles from approximately 2,200 of the world's biomedical journals. Included are subject and author sections and a separate Bibliography of Medical Reviews. *Medical Subject Headings* is included as Part 2 of the January issue. Annual subscription: $63.00 ($78.75 foreign); single issues $5.00.

Cumulated Index Medicus; Volume 12: A cumulation in eight volumes of the approximately 206,000 citations appearing in *Index Medicus* in 1971. Included are author and subject sections, Medical Subject Headings, List of Journals Indexed, and Bibliography of Medical Reviews. Price: $84.00 ($92.25 foreign). [Volume 11, 1970: same price as Volume 12; Volume 10, 1969: $90.50 ($100.00 foreign)].

Abridged Index Medicus: A monthly bibliography, based on articles from 100 English-language journals, designed for the individual practitioner and libraries of small hospitals and clinics. Annual subscription: $12.00 ($15.00 foreign); single issues $1.00.

Cumulated Abridged Index Medicus, 1971: A cumulation in one volume of the citations appearing in the monthly *Abridged Index Medicus* in 1971. Contains subject and author sections. Price: $10.00 ($12.50 foreign). [1970: same price as 1971].

Medical Subject Headings: Published as Part 2 of the January *Index Medicus*. The approximately 8,000 subject headings in the 1972 *MeSH* are arranged alphabetically, with cross references, and in categorized lists. (Included with subscription to *Index Medicus*, also available separately for $3.00.)

List of Journals Indexed in Index Medicus, 1972: Contains four listings of journals indexed: title, abbreviation, subject, and geographical. Price: $1.25.

Monthly Bibliography of Medical Reviews: A series designed to provide quick guidance to the latest reviews in the journal literature of biomedicine. Each issue duplicates the material appearing in the Bibliography of Medical Reviews section of the corresponding monthly issue of *Index Medicus*. Annual subscription: $4.50 ($5.75 foreign); single issues $0.40.

Bibliography of Medical Reviews, 1966–70: A cumulation of the reviews appearing in the monthly *Index Medicus* for the period 1966–70. Price: $6.75.

NLM Current Catalog: A bibliographic listing of citations to publications cataloged by the Library. Issued in three forms: (a) monthly (name section only), (b) quarterly (noncumulating, subject and name sections), (c) annual cumulation (subject and name sections). Prices: (a) 12 monthly issues—$7.50 ($9.50 foreign), single issues $0.65; (b) 4 three-month cumulations (quarterlies)—$13.00 ($16.25 foreign), single issues $3.25; (c) annual cumulation (1971)—price to be announced. 1970—$16.25 ($20.35 foreign).

NLM Current Catalog, 1965–70: An eight-volume cumulation representing NLM's complete store of machine-readable cataloging through 1970, including a catalog of technical reports. Price: $71.75 ($80.00 foreign).

Toxicity Bibliography: A quarterly publication covering the adverse and toxic effects of drugs and chemicals reported in the approximately 2,200 journals indexed for *Index Medicus*. Annual subscription: $14.00 ($17.50 foreign); single issues $3.50.

Selected References on Environmental Quality as It Relates to Health: A monthly bibliography which provides a subject/author index to journal articles covering aspects of environmental pollution that concern health. Annual subscription: $4.00 ($5.00 foreign); single issues $0.40.

International Bibliography of Medicolegal Serials, 1736–1967: An annotated listing of serials on legal medicine and related fields. Includes six indexes (title, editor, publisher and sponsor, subject, geographical, and chronological). 1969. Price: $1.25.

Bibliography of the History of Medicine: An annual series on the history of medicine and related sciences, professions, and institutions. Prices: Number 4, 1968 (PHS Pub. No. 1540–4) $2.75; Number 3, 1967 (PHS Pub. No. 1540–3) $2.75; Number 2, 1966 (PHS Pub. No. 1540–2) $1.25. (Number 5, covering 1965–69; in press, price to be announced.)

A Catalogue of Sixteenth Century Printed Books in the National Library of Medicine: Over 4,800 rare sixteenth century printed volumes from NLM's History of Medicine Division collection are listed. Some 1,500 printers and publishers and 188 different printing centers in 14 European countries are indexed in detail. Casebound. 698 pages. Price: $5.25.

Prints Relating to Dentistry: A 36-page booklet containing reproductions of 67 prints illustrating the history of dentistry, from the Library's extensive collection of pictures of nonclinical medical interest. PHS Pub. No. 1605. 1967. Price: $0.50.

National Library of Medicine Classification: A Scheme for the Shelf Arrangement of Books in the Field of Medicine and Its Related Sciences. Third Edition, 1964, with 1969 Supplement. PHS Pub. No. 1108, Reprinted 1969. Price: $2.75 ($3.45 foreign).

National Medical Audiovisual Center Catalog, 1970: Lists audiovisuals available on short-term free loan to health professionals from NLM's National Medical Audiovisual Center in Atlanta. Price: $1.25.

Film Reference Guide for Medicine and Allied Sciences: Published for the Federal Advisory Council on Medical Training Aids. The 1970 edition contains information on approximately 2,000 films. PHS Pub. No. 487, Revised 1970. Price: $2.75.

MEDLARS: 1963–1967: Description of NLM's computer-based Medical Literature Analysis and Retrieval System (MEDLARS), emphasizing technical aspects of MEDLARS development. 76 pages with illustrations. PHS Pub. No. 1823. 1968. Price: $0.75.

Principles of MEDLARS: A 77-page booklet for the user of MEDLARS publications and search services, describing the intellectual processes and interactions involved in the provision of MEDLARS bibliographies. 1970. Price: $0.75.

Guide to MEDLARS Services: Available without charge from NLM. Write to: Office of Public Information, National Library of Medicine, 8600 Rockville Pike, Bethesda, Maryland 20014.

DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
NATIONAL LIBRARY OF MEDICINE
8600 ROCKVILLE PIKE
BETHESDA, MARYLAND 20014

OFFICIAL BUSINESS

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF H.E.W.

MAIL